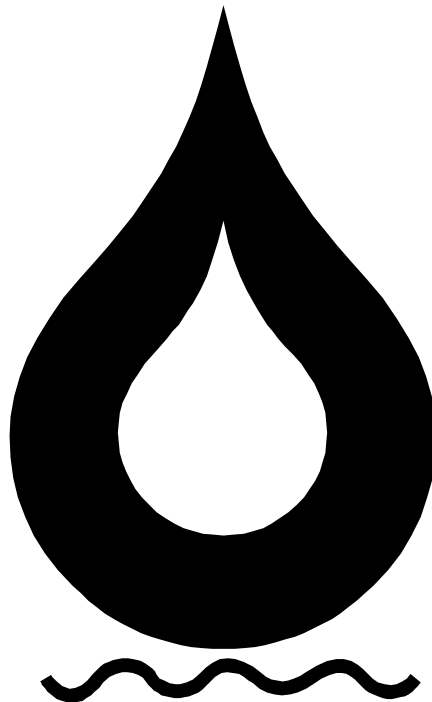


**San Diego County Department of  
Agriculture Weights and Measures  
Water Quality Compliance**

**Irrigation Runoff and Storm Water Training  
Guidelines for  
Commercial Agricultural Businesses**



## **PART C.1—GENERAL CONSIDERATIONS**

### **C.1.1 Commercial Facilities and Activities Subject to this Section**

This section establishes tiered and progressively prescriptive BMP requirements for owners and operators of Regulated Commercial Facilities and Activities. These requirements includes three main elements; (1) standard requirements for all Regulated Commercial Facilities and Activities, (2) additional activity-specific requirements for all High Priority Commercial Facilities and Activities, and (3) additional requirements for specific categories of High Priority Commercial Facilities and Activities. Table C-1 below summarizes the applicable sections of this Manual that apply to specific groups of Dischargers and activities.

A Regulated Commercial Facility and Activity is defined as “any non-residential facility engaged in business or commerce, whether for profit or not-for-profit, or publicly or privately owned, except for Regulated Industrial Facilities and Municipal Facilities.” This term is inclusive of both “High Priority Commercial Facilities and Activities” and “All Other Regulated Commercial Facilities and Activities” as defined in Ordinance section 67.809(a). Residences are also included in this definition if they are used for commercial repair, maintenance, cleaning, manufacturing, food preparation or painting activity if that activity has the potential to result in discharges of non-storm water or the discharge of pollutants to storm water. High Priority Commercial Facilities and Activities are those that are specifically designated in Ordinance section 67.809(b)(1). These are described further in Section C, Part Three of this Manual.

Incremental requirements applicable to High Priority Commercial Facilities and Activities are restricted to facilities and activities within the County Urban Area as defined in Ordinance section 87.806 and shown in Ordinance Appendix B. Some activities subject to these requirements (mobile car washing, pool and fountain cleaning, etc.) are conducted from a myriad of locations, i.e., not solely at a single fixed facility or location. For this reason, Regulated Commercial Facilities and Activities include both the facility at which a business is located (e.g., the home office) and all locations at which operations or activities are conducted.

### **C.1.2 Responsibilities of Dischargers**

Dischargers are required generally to comply with two inter-related sets of directives: (1) compliance with applicable discharge prohibition requirements, and (2) implementation of BMPs to prevent non-stormwater discharges and to reduce contaminants in stormwater discharges. Regardless of their categorization, all facilities and activities are subject to the generally applicable BMP requirements of Ordinance section 67.807 and section B of this Standards Manual, as well as the discharge prohibitions of Ordinance sections 67.805 and 67.806. Failure to comply with applicable discharge prohibitions is generally considered evidence of an inadequate BMP program, although BMPs can also be determined to be inadequate prior to the occurrence of actual discharges.

The sole responsibility for selecting and implementing BMPs that are adequate to comply with the requirements of the Ordinance and this Manual lies with the facility owner or operator. The County recognizes that the proper selection of BMPs depends on numerous factors that are specific to individual industry types and facilities, and therefore does not advocate or require the use of particular practices. Rather, the remainder of this section establishes standards that the County has determined are necessary to prevent discharges of pollutants to its conveyance system and receiving waters. In some instances, a wide range of potential BMP options is available to meet particular standards. In all instances, the County has endeavored to allow the greatest flexibility in determining the best means of compliance. Ultimately, the suitability of BMPs will be determined by their success in preventing polluted discharges from leaving the facility or work site.

At this time, the County does not require the application of structural treatment control BMPs (e.g., filtration, etc.) for existing commercial facilities as a standard measure. In most cases, compliance can be obtained

through the use of an effective combination of source control BMPs. However, in some instances, businesses are required to evaluate the feasibility of such controls and to implement them if practicable. In other instances, the County may require the application of structural controls where significant or continued non-compliance is demonstrated. The categorical requirement of treatment control BMPs for any class of facility, however, would require an amendment of this Manual.

### **C.1.3 Inspection and Verification**

Under its municipal stormwater permit, the County must conduct inspections of High Priority Commercial Facilities as needed to verify compliance with its stormwater ordinance and other applicable laws and regulations. The County may therefore conduct inspections of any or all of the High Priority Commercial Facilities described in Ordinance section 67.809(b). The County also retains the discretion to conduct inspections of Other Regulated Commercial Facilities as needed to verify compliance with the Ordinance.

All discharge prohibition and BMP requirements described herein are applicable regardless of whether any facility or activity is subject to County inspections or any other form of compliance verification.

## **PART C.2—GENERAL STANDARDS APPLICABLE TO ALL REGULATED COMMERCIAL FACILITIES AND ACTIVITIES (GROUP 1 STANDARDS)**

Except as otherwise noted, the standards described in this Part C.2 are applicable to all Regulated Commercial Facilities and Activities. The purpose of this section is to establish a baseline of reasonable, achievable, “common sense” standards that must be met for all Regulated Commercial Facilities and Activities. These are termed Group 1 Standards. Additional, more prescriptive standards are provided for High Priority Commercial Facilities and Activities in Sections C.3 and C.4 below.

### **C.2.1 Employee Training**

C.2.1.1: Dischargers employing ten or more persons on a full-time basis, and High Priority Commercial Facilities and Activities Dischargers, shall provide training at least annually to all employees with responsibility for actions required to implement the SWPPP. Training shall address notification requirements, inspections, record keeping, illicit connections and illegal discharge detection. Integration with other existing training programs is encouraged.

C.2.1.2: Documentation of training shall be maintained on-site at the location(s) where operations or activities are conducted, and shall be provided on request to County Authorized Enforcement Officials or Authorized Enforcement Staff.

*C.2.1.3: Training shall be adequate to ensure compliance with the standards established in this Ordinance. Continued or significant non-compliance by facility employees with any condition of this Ordinance may be deemed evidence of an inadequate employee training program.*

### **C.2.2 Stormwater Pollution Prevention Plans (SWPPPs)**

If preparation of an SWPPP is directed by an authorized enforcement official pursuant to Section 67.807(d) of the Ordinance, that SWPP shall include the applicable elements of a SWPPP specified in the State General Industrial Stormwater Permit.

### **C.2.3 Storm Drain Tileage and Signing**

*C.2.3.1: The use of storm drain tiles or other labeling is encouraged, but not required, for Regulated Commercial Facilities and Activities. Where used, storm drain tiles and signs should contain a brief statement*

*that prohibits the dumping of improper materials into the Stormwater Conveyance System. Graphical icons, either illustrating anti-dumping symbols or images of receiving water fauna, are effective supplements to the anti-dumping message. Naming the receiving water also has proven to increase the effectiveness of this signage by making it more personal (i.e. “flows to San Dieguito River Park”).*

#### **C.2.4 Annual Review of Facilities and Activities**

*C.2.4.1: Dischargers employing ten or more persons on a full-time basis, and High Priority Commercial Facilities and Activities Dischargers, shall review their facilities, activities, operations, and procedures at least annually to detect illicit connections and illegal discharges.*

C.2.4.2: Illegal connections, as defined in Ordinance section 67.802, must be eliminated (even if the connection was established pursuant to a valid permit and was legal at the time it was constructed), and illegal discharge practices eliminated.

*C.2.4.3: Corrective training shall be provided as needed (and documented in training records) whenever an illegal disposal practice is discovered.*

#### **C.2.5 Pollution Prevention**

C.2.5.1: Dischargers employing ten or more persons on a full-time basis shall implement those stormwater pollution prevention practices that are generally recognized in that Discharger’s industry or business as being effective and economically advantageous.

#### **C.2.6 Materials and Waste Management**

C.2.6.1: The following conditions apply to the storage, management, and disposal of hazardous materials and wastes at Regulated Commercial Facilities:

Hazardous materials and wastes shall be stored, managed, and disposed in accordance with applicable federal, state and local laws and regulations.

Hazardous materials must be stored off the ground. Where practicable, overhead coverage shall be provided for all outside hazardous materials or waste storage areas. If overhead coverage is not available, stored materials shall be covered with an impervious material (e.g., a tarp, etc.).

Drums and other containers shall be kept in good condition, and shall be kept securely closed when not in use.

Materials and equipment necessary for spill response shall be maintained and kept readily accessible, and all employees involved in the storage, management, or disposal of hazardous materials or wastes trained in their proper use.

Significant spills shall be reported promptly to the County’s Complaint hotline. Significant spills are those which discharge, or have the potential to discharge, contaminants directly or indirectly to the Stormwater Conveyance System or Receiving Waters. Spills which have been completely contained and cleaned up on-site are not considered significant unless they pose a threat to human health or safety.

#### **C.2.6.2: The following conditions apply to the storage of solid waste at Regulated Commercial Facilities:**

Trash storage and disposal areas shall be kept clean and free of debris.

Dumpsters and other containers shall be maintained in good condition, and shall be kept securely closed when not in use.

Materials and equipment necessary for the clean-up of trash and debris shall be maintained and kept readily accessible.

**C.2.6.3: The following conditions apply to the loading and unloading of significant materials at Regulated Commercial Facilities:**

Where practicable, loading / unloading of materials shall only be allowed in designated areas.

Spills and leaks shall be promptly cleaned up and the generated wastes disposed of properly.

Loading / unloading areas shall be periodically inspected, and accumulations of debris, litter, waste, or other materials removed.

Materials and equipment necessary for spill response shall be maintained and kept readily accessible and all employees conducting loading / unloading activities trained in their proper use.

Significant spills shall be reported promptly to the County's Stormwater Hotline . Significant spills are those which discharge, or have the potential to discharge, contaminants directly or indirectly to the Stormwater Conveyance System or Receiving Waters. Spills of hazardous materials shall be reported to the County's Complaint Hotline. Spills that have been completely contained and cleaned up on-site are not considered significant unless they pose a threat to human health or safety.

**C.2.7 Vehicles and Equipment**

C.2.7.1: The following conditions apply to the fueling of vehicles and equipment at Regulated Commercial Facilities:

Precautions shall be taken to prevent spills and leaks during fueling activities.

Materials and equipment necessary for spill response shall be maintained and kept readily accessible, and staff conducting fueling activities instructed in their proper use.

Significant spills shall be reported promptly to the County's Stormwater Hotline . Significant spills are those which discharge, or have the potential to discharge, contaminants directly or indirectly to the Stormwater Conveyance System or Receiving Waters. Spills of hazardous materials shall be reported to the County's Complaint hotline. Spills which have been completely contained and cleaned up on-site are not considered significant unless they pose a threat to human health or safety.

**C.2.7.2: The following conditions apply to the maintenance and repair of vehicles and equipment at Regulated Commercial Facilities:**

Precautions shall be taken to prevent spills and leaks during maintenance and repair activities.

Materials and equipment necessary for spill response shall be maintained and kept readily accessible, and staff conducting maintenance and repair activities instructed in their proper use.

Significant spills shall be reported promptly to the County's Stormwater Hotline . Significant spills are those which discharge, or have the potential to discharge, contaminants directly or indirectly to the Stormwater Conveyance System or Receiving Waters. Spills of hazardous materials shall be reported to the County's

Complaint hotline. Spills which have been completely contained and cleaned up on-site are not considered significant unless they pose a threat to human health or safety.

**C.2.7.3: The following conditions apply to the washing of vehicles and equipment at Regulated Commercial Facilities:**

Storm drain inlets located within or down gradient of wash areas shall be covered or otherwise protected to prevent the entry of wash water or rinse water.

Where practicable, the introduction of pollutants (soaps, degreasers, etc.) to wash water shall be reduced or eliminated.

**C.2.7.4: The following conditions apply to the outdoor storage of equipment at Regulated Commercial Facilities:**

Drip pans or other methods of spill containment shall be used to prevent the discharge of materials to the Stormwater Conveyance System or Receiving Waters.

Materials and equipment necessary for spill response shall be maintained and kept readily accessible.

Significant spills shall be reported promptly to the County's Stormwater Hotline . Significant spills are those which discharge, or have the potential to discharge, contaminants directly or indirectly to the Stormwater Conveyance System or Receiving Waters. Spills which have been completely contained and cleaned up on-site are not considered significant unless they pose a threat to human health or safety.

**C.2.8 Outdoor Areas**

**C.2.8.1: The following condition applies to rooftop areas at Regulated Commercial Facilities:**

Materials which may contaminate stormwater shall not be stored on rooftops unless adequate precautions have been taken to prevent their contact with stormwater.

**C.2.8.2: The following conditions apply to parking areas at Regulated Commercial Facilities:**

Parking areas shall be periodically cleaned using dry methods (manual sweeping, street sweepers, etc.). Wet methods shall only be used where adequate precautions have been taken to prevent the entry of wash water and other contaminants into the Stormwater Conveyance System or Receiving Waters.

Prior to any improvement or expansion project, parking areas designed to accommodate 100 or more vehicles shall be evaluated to establish the level of post-construction BMPs that will meet the MEP standards. Treatment or infiltration BMPs shall be installed if necessary to meet the MEP standard. Installed controls shall be inspected and maintained as necessary to ensure their continued proper functioning.

**C.2.8.3: The following conditions apply to landscaping and grounds keeping conducted at Regulated Commercial Facilities:**

Precautions shall be taken to prevent spills, leaks, and over-application of chemical products during landscaping and grounds keeping activities.

Precautions shall be taken to prevent over-irrigation of landscaped areas.

Pesticides, herbicides, fertilizers, and other chemical products shall be used in accordance with label directions. These products shall not be disposed to streets or gutters, but shall be collected and properly disposed.

Grounds and landscaped areas shall be periodically inspected. Litter, debris, organic matter (leaves, cut grass, etc.), and other materials with the potential to contaminate stormwater shall be collected and properly disposed.

Materials and equipment necessary for spill response shall be maintained and kept readily accessible, and employees trained in their proper use.

Significant spills shall be reported promptly to the County's Stormwater Hotline . Significant spills are those which discharge, or have the potential to discharge, contaminants directly or indirectly to the Stormwater Conveyance System or Receiving Waters. Spills of hazardous materials shall be reported to the County's Complaint hotline. Spills which have been completely contained and cleaned up on-site are not considered significant unless they pose a threat to human health or safety.

### **PART C.3—ADDITIONAL REQUIREMENTS APPLICABLE TO ALL HIGH PRIORITY COMMERCIAL FACILITIES AND ACTIVITIES (GROUP 2 STANDARDS)**

High Priority Commercial Facilities and Activities are those that are specifically designated in section 67.809(b)(1) of this Ordinance. That definition includes but is not limited to businesses in the County

Urban Area primarily engaged in any of the following activities:

Airplane mechanical repair, maintenance, fueling, or cleaning;  
Motor vehicle (or other vehicle) parking lots and storage facilities;  
Motor vehicle and other vehicle body repair or painting;  
Motor vehicle mechanical repair, maintenance, fueling, or cleaning;  
Boat mechanical repair, maintenance, fueling, or cleaning;  
**Botanical or zoological gardens and exhibits;**  
Cement mixing or cutting;  
**Cemeteries**  
Eating or drinking establishments;  
Equipment repair, maintenance, fueling, or cleaning;  
**Golf courses, parks and other recreational areas/facilities;**  
**Landscaping;**  
Marinas;  
Masonry installation;  
Mobile motor vehicle or other vehicle washing;  
Mobile carpet, drape or furniture cleaning;  
**Nurseries and greenhouses;**  
Painting and coating;  
**Pest control services;**  
Pool and fountain cleaning;  
Portable sanitary toilet servicing; or  
Retail or wholesale fueling.

In addition to the general requirements set out for all Group 1 Dischargers in Section C.2, above, the requirements described below (Group 2 Standards) apply to each of these facility or activity types. Like the Group 1 Standards, they focus on a core set of activities that are common to many facilities and business types. However, because these facilities and activities are classified as High Priority, a correspondingly higher

standard of compliance is required. Additional requirements (Group 3 Standards) that are specific to particular categories of facilities or businesses are provided in Part Four below.

### **C.3.1 Materials and Waste Management**

#### **C.3.1.1: In addition to the requirements of section 2.6.1, the following conditions apply to the storage, management, and disposal of hazardous materials and wastes at High Priority Commercial Facilities:**

Secondary containment shall be provided around storage areas from which a significant potential exists to discharge materials or wastes to the Stormwater Conveyance System or Receiving Waters.

Storage areas shall be inspected periodically, including at least once prior to the rainy season (October 1 – April 30) and quarterly during the rainy season,

#### **C.3.1.2: In addition to the requirements of section 2.6.2, the following condition applies to the storage of solid waste at High Priority Commercial Facilities:**

Trash storage and disposal areas shall be inspected at least weekly.

Wet cleaning (hosing, pressure washing, etc.) of trash storage and disposal areas shall only be allowed if adequate precautions have been taken to prevent the discharge of wash water into the Stormwater Conveyance System or Receiving Waters.

#### **C.3.1.3: In addition to the requirements of section 2.6.3, the following conditions apply to the loading and unloading of significant materials at High Priority Commercial Facilities:**

Designated loading / unloading areas shall be regularly cleaned using dry methods (e.g., sweeping, vacuuming, etc.).

Wet cleaning (hosing, pressure washing, etc.) of loading / unloading areas shall only be allowed if adequate precautions have been taken to prevent the discharge of wash water into the Stormwater Conveyance System or Receiving Waters, or to filter pollutants from the water prior to discharge.

Storm drain inlets located within or downgradient of loading / unloading areas shall be covered or otherwise protected during loading / unloading activities to prevent the entry of materials.

Loading / unloading equipment (forklifts, pallet jacks, etc.) shall be maintained in good condition, and preventive maintenance conducted as necessary to prevent leaks.

Equipment and supplies stored in loading / unloading areas shall be properly maintained to prevent leaks and spills to the Stormwater Conveyance System or Receiving Waters, and to prevent their contact with rainfall and run-on.

### **C.3.2 Vehicles and Equipment**

#### **C.3.2.1: In addition to the requirements of section 2.7.1, the following conditions apply to the fueling of vehicles and equipment at High Priority Commercial Facilities:**

Storm drain inlets located within or downgradient of fueling areas shall be covered or otherwise protected (e.g., with an oil-water separator) to prevent the entry of spilled fuel.



Vehicles and equipment shall only be fueled in areas where adequate precautions have been taken to prevent the entry of spills into the Stormwater Conveyance System or Receiving Waters. Designated fueling areas are required where practicable.

The retrofitting of existing facilities with structural controls such as low-flow sumps or oil/water separators shall be considered to prevent the entry of spills into the Stormwater Conveyance System or Receiving Waters. The use of structural controls is not required, but is encouraged where practicable. Pursuant to Ordinance section 67.804(i), the County may order the use of structural controls.

**C.3.2.2: In addition to the requirements of section 2.7.2, the following conditions apply to the maintenance and repair of vehicles and equipment at High Priority Commercial Facilities:**

Storm drain inlets located within or downgradient of maintenance and repair areas shall be protected to prevent the entry of spilled fluids (e.g., fuel, oil, grease, or antifreeze).

Vehicle and equipment maintenance and repair shall only be conducted in areas where adequate precautions have been taken to prevent the entry of spills into the Stormwater Conveyance System or Receiving Waters. Designated maintenance and repair areas are required where practicable.

Maintenance and repair equipment shall be kept clean to avoid the build up of grease and oil.

Fluids shall be drained from any retired vehicles or equipment stored on site.

Only dry cleaning methods shall be used on maintenance and repair areas unless adequate precautions have been taken to prevent the discharge of wash water to the Stormwater Conveyance System or Receiving Waters (e.g., the discharge is directed to the sanitary sewer, a sump, etc.).

Drip pans, containers, or other methods of drip and spill containment shall be utilized at all times during the repair or maintenance of vehicles and equipment.

The retrofitting of existing facilities with structural controls such as low-flow sumps or oil/water separators shall be considered to prevent the entry of spills into the stormwater conveyance system or receiving waters. The use of structural controls is not required, but is encouraged where practicable. Pursuant to Ordinance section 67.804(i), the County may order the use of structural controls.

Vehicle maintenance shall be performed within covered areas.

**C.3.2.3: In addition to the requirements of section 2.7.3, the following conditions apply to the washing of vehicles and equipment at High Priority Commercial Facilities:**

Vehicles and equipment shall only be washed in areas where adequate precautions have been taken to prevent the entry of wash water and other contaminants into the Stormwater Conveyance System or Receiving Waters. Designated wash areas and/or wash racks are required where practicable.

Where practicable, wash areas shall drain or be plumbed to the sanitary sewer. Dischargers are responsible for obtaining all necessary approvals from sewerage agencies prior to connecting or discharging to the sewer. In addition, oil/water separators will be installed prior to release into sanitary sewers.

Infiltration of wash water or rinse water to pervious surfaces is generally allowed. However, vehicle wash water or rinse water generated from cleaning engines, mechanical parts, or heavy equipment may not be infiltrated. A minimum of ten feet separation between the groundwater and the pervious surface is required.

Wash waters or rinse waters not discharged to sewer or infiltrated must be contained for treatment, re-use, or proper disposal.

**C.3.2.4: In addition to the requirements of section 2.7.4, the following conditions apply to the outdoor storage of equipment at High Priority Commercial Facilities:**

Stored equipment shall be drained of lubricants and other petrochemicals, and these substances properly disposed.

Where practicable, equipment storage areas shall be bermed and covered.

**C.3.3 Outdoor Areas**

**C.3.3.1: In addition to the requirements of section 2.8.1, the following conditions apply to rooftop areas at High Priority Commercial Facilities:**

Equipment located on rooftops (e.g., emergency generators, HVAC systems, etc.) shall be periodically inspected, and preventive maintenance conducted as necessary to prevent leaks and spills.

Materials and substances (bird droppings, grease, leaves, etc.) that have accumulated on rooftops shall be periodically inspected and removed as necessary to prevent or reduce the discharge of contaminants directly or indirectly to the Stormwater Conveyance System or Receiving Waters.

Where practicable, roof downspouts shall be routed away from work areas. Unless filtered to remove pollutants, water from downspouts shall be routed toward pervious areas such as lawns where practicable.

**C.3.3.2: In addition to the requirements of section 2.8.2, the following conditions apply to parking areas at high Priority Commercial Facilities:**

Where practicable, trash containers shall be provided in convenient locations to discourage littering.

Vehicles stored in parking areas for extended periods shall be periodically inspected, and leaks and spills cleaned as necessary.

Parking areas shall be periodically inspected, and significant accumulations of materials and substances (oil, fuel, grease, leaves, etc.) removed. All materials shall be properly disposed.

Storm water run-on should be prevented from contacting stored materials and equipment that may contaminate storm water through the use of berms, dikes, or other diversion structures or through the use of measures to elevate waste from site surfaces.

**C.3.3.3: In addition to the requirements of section 2.8.3, the following conditions apply to landscaping and grounds keeping conducted at High Priority Commercial Facilities:**

The application of pesticides, fertilizers, and other chemical products prior to irrigation or rainfall is discouraged.

Product containers shall be kept in good condition, shall be kept securely closed when not in use, and shall be stored in a manner that protects them from contact with storm water.

Protective measures shall be taken to ensure that stored pesticides, fertilizers, and other chemicals do not contact stormwater.

Integrated Pest Management (IPM) practices and other non-chemical pest control methods (e.g., traps, sticky tape, hot-wire lamps, etc.) shall be considered where practicable.

Exposed slopes shall be stabilized as soon as possible.

Paved surfaces such as sidewalks shall be cleaned regularly using dry methods (e.g., sweeping, vacuuming, etc.). Hosing is permissible only after surfaces have previously been cleaned using dry methods.

Stockpiles shall be covered during windy and rainy conditions.

#### **PART C.4—ADDITIONAL BMP REQUIREMENTS APPLICABLE TO SPECIFIC HIGH PRIORITY COMMERCIAL FACILITIES AND ACTIVITIES (GROUP 3 STANDARDS)**

*In addition to the requirements of Section C.2 and Section C.3 above, the following requirements (Group 3 Standards) apply to specific categories of High Priority Commercial Facilities and Activities for the activities in which they are primarily engaged. Because these activities are the primary focus of the regulated businesses, a higher standard is generally expected than that applied to other operators which conduct such activities only incidentally or occasionally.*

##### **C.4.1 Vehicle and Equipment Repair and Maintenance**

*In addition to the applicable requirements of Sections C.2 and C.3, especially sections C.2.7.2 and C.3.2.2, the conditions in this subsection apply to the repair and maintenance of vehicles and equipment. The term "Motor vehicle" is defined in Ordinance section 67.803. In the context of these requirements, it includes all categories of vehicle contained in that definition plus airplanes.*

C.4.1.1: Repair and maintenance activities shall be conducted only in designated work areas.

C.4.1.2: Repair and maintenance work must be conducted indoors or under cover whenever practicable. If this work cannot be conducted indoors or under cover, other precautions must be taken to prevent the discharge of contaminants into the Stormwater Conveyance System or Receiving Waters.

C.4.1.3: Significant repair and maintenance work on boats may not be conducted over water. Minor engine work and routine changing of oil or other fluids are not considered significant, but may only be conducted over water if adequate precautions have been taken to prevent the entry of pollutants into the water.

C.4.1.4: As necessary to prevent the entry of pollutants into the Stormwater Conveyance System or Receiving Waters, designated work areas shall utilize structural controls to (1) prevent the discharge of spills from the work area, (2) prevent run-on from contacting work surfaces and pollutants, and (3) prevent rainfall from contacting work surfaces and pollutants. Pursuant to Ordinance section 67.804(i), the County may order the use of structural controls.

##### **C.4.5 Eating and Drinking Establishments**

In addition to the applicable requirements of Sections C.2 and C.3, the following conditions apply to eating and drinking establishments:

C.4.5.1: Dumpsters and grease bin areas shall be kept securely closed when not in use, and shall be inspected and cleaned regularly. Leaking dumpsters shall be repaired or replaced as soon as possible.

C.4.5.2: Parking areas and other outside surfaces shall be routinely cleaned using dry methods (e.g., sweeping, etc.) to prevent the accumulation of significant materials. Accumulated materials shall be properly disposed.

C.4.5.3: Parking areas and other surfaces shall not be cleaned using wet methods (e.g., hosing, steam-cleaning, pressure-washing, etc.) unless adequate precautions have been taken to prevent the entry of wash water and other contaminants into the Stormwater Conveyance System or Receiving Waters.

C.4.5.4: Outdoor grease interceptors shall be properly maintained, and routinely inspected to ensure their proper functioning. Any problems noted shall be corrected as soon as possible.

C.4.5.5: Equipment (mats, grease filters, etc.) shall not be washed in areas where wash water or rinse water will drain to the Stormwater Conveyance System or Receiving Waters. Dischargers are responsible for obtaining all necessary approvals from sewerage agencies prior to discharging to the sewer.

C.4.5.6: As necessary to prevent the entry of pollutants into the Stormwater Conveyance System or Receiving Waters, designated work areas shall utilize structural controls to (1) prevent the discharge of spills from the work area, (2) prevent run-on from contacting work surfaces and pollutants, and (3) prevent rainfall from contacting work surfaces and pollutants. Pursuant to Ordinance section 67.804(i), the County may order the use of structural controls.

#### **C.4.7 Botanical and Zoological Gardens and Exhibits**

**In addition to the applicable requirements of Sections C.2 and C.3, the following conditions apply to botanical and zoological gardens and exhibits:**

**C.4.7.1: The requirements of section 4.1 above (Vehicle and Equipment Repair and Maintenance) apply to botanical and zoological gardens and exhibits.**

**C.4.7.2: The requirements of section 4.5 above (Eating and Drinking Establishments) apply to botanical and zoological gardens and exhibits.**

**C.4.7.3: The requirements of section 4.17 below (Pest Management) apply to botanical and zoological gardens and exhibits.**

**C.4.7.4: The requirements of section 4.18 below (Landscaping) apply to botanical and zoological gardens and exhibits.**

C.4.7.5: As necessary to prevent the entry of pollutants into the Stormwater Conveyance System or Receiving Waters, designated work areas shall utilize structural controls to (1) prevent the discharge of spills from the work area, (2) prevent run-on from contacting work surfaces and pollutants, and (3) prevent rainfall from contacting work surfaces and pollutants. Pursuant to Ordinance section 67.804(i), the County may order the use of structural controls.

C.4.7.6: Animal wash racks may not discharge to the stormwater conveyance system or receiving waters.

#### **C.4.8 Golf Courses, Parks, and Other Recreational Facilities**

*In addition to the applicable requirements of Sections C.2 and C.3, the following conditions apply to golf courses, parks, and other recreational facilities:*

**C.4.8.1: The requirements of section 4.5 above (Eating and Drinking Establishments) apply to golf courses, parks, and other recreational facilities.**

**C.4.8.2: The requirements of section 4.17 below (Pest Management) apply to golf courses, parks, and other recreational facilities.**

**C.4.8.3: The requirements of section 4.18 below (Landscaping) apply to golf courses, parks, and other recreational facilities.**

C.4.8.4: As necessary to prevent the entry of pollutants into the Stormwater Conveyance System or Receiving Waters, designated work areas shall utilize structural controls to (1) prevent the discharge of spills from the work area, (2) prevent run-on from contacting work surfaces and pollutants, and (3) prevent rainfall from contacting work surfaces and pollutants. Pursuant to Ordinance section 67.804(i), the County may order the use of structural controls.

#### **C.4.9 Nurseries and Greenhouses**

*In addition to the applicable requirements of Sections C.2 and C.3, the following conditions apply to nurseries and greenhouses:*

C.4.9.1: Product containers shall be kept in good condition, shall be kept securely closed when not in use, and shall be stored in a manner that protects them from contact with storm water.

C.4.9.2: Integrated Pest Management (IPM) practices and other non-chemical pest control methods (e.g., traps, sticky tape, hot-wire lamps, etc.) shall be considered where practicable.

C.4.9.3: Nozzles, intermitters, and other application equipment shall be maintained in good working condition.

C.4.9.4: Pesticides, fertilizers, and other chemical products shall be used and disposed in accordance with applicable federal, state, and local laws and regulations.

C.4.9.5: Pesticides, fertilizers, and other chemical products shall be applied and disposed in accordance with label instructions and material safety data sheet(s).

Do not over-apply fertilizers and pesticides. Prepare only the amount needed. Follow strictly the recommended usage instructions. Apply surface dressings in smaller applications, as opposed to one large application, to allow time for it to work in and to avoid excess materials being carried off-site by runoff.

C.4.9.6: Pesticides, fertilizers and other chemical products shall be stored in closed, labeled containers, under cover and off the ground.

C.4.9.7: Appropriate methods (e.g., timed application, combination slow-release and constant liquid fertilizer, etc.) shall be utilized to reduce excessive fertilization.

C.4.9.8: Where practicable, low volume watering methods (e.g., drip-, sub-, and pulse-irrigation, etc.) shall be used to minimize the potential for excess flows.

C.4.9.9: Where practicable, tail-water recovery systems or subsurface drains shall be used to recycle irrigation water.

C.4.9.10: Stockpiles shall be placed away from watercourses, bermed, and covered to prevent the release of materials to the Stormwater Conveyance System or Receiving Waters.

C.4.9.11: Areas where work is being actively conducted shall be routinely cleaned up using dry methods (e.g., sweeping, raking, etc.). Wet methods (e.g., hosing, etc.) may only be used if adequate precautions have been taken to prevent the discharge of wash water or other materials to the Stormwater Conveyance System or Receiving Waters.

C.4.9.12: Weather conditions and irrigation schedules shall be considered prior to the outdoor application of fertilizers and pesticides. Where practicable, these products shall not be applied outdoors prior to irrigation or rainfall. Their outdoor application during rainfall is prohibited.

C.4.9.13: As necessary to prevent the entry of pollutants into the Stormwater Conveyance System or Receiving Waters, designated work areas shall utilize structural controls to (1) prevent the discharge of spills from the work area, (2) prevent run-on from contacting work surfaces and pollutants, and (3) prevent rainfall from contacting work surfaces and pollutants. Pursuant to Ordinance section 67.804(i), the County may order the use of structural controls.

#### **C.4.17 Pest Control**

*In addition to the applicable requirements of Section C, Parts Two and Three, the following conditions apply to pest control services:*

C.4.17.1: Pest control businesses must be supervised by a currently certified Qualified Applicator Licensee.

C.4.17.2: Pesticides and other chemical products shall be applied and disposed in accordance with label instructions and material safety data sheet(s).

C.4.17.3: Pesticides and other chemical products shall be used and disposed in accordance with applicable federal, state, and local laws and regulations.

C.4.17.4: Pesticides and other chemical products shall be stored in closed, labeled containers, under cover and off the ground.

C.4.17.5: Weather conditions shall be considered prior to the outdoor application of pesticides and other chemical products. Where practicable, these products shall not be applied outdoors prior to a predicted rainfall. Their outdoor application during rainfall is prohibited.

C.4.17.6: Precautions shall be taken during the application of pesticides and other chemical products to prevent drift into non-target areas or onto non-target vegetation, insects, or animals.

C.4.17.7: Pesticide use shall be reduced to the MEP in areas where recurring applications of pesticides are needed.

#### **C.4.18 Landscaping**

*In addition to the applicable requirements of Sections C.2 and C.3, especially sections C.2.8.3 and C.3.3.3, the following conditions apply to landscaping activities:*

C.4.18.1: Pesticides, fertilizers and other chemical products shall be used in accordance with applicable federal, state, and local laws and regulations.

C.4.18.2: Pesticides, fertilizers and other chemical products shall be stored in closed, labeled containers, under cover and off the ground.

C.4.18.3: Landscaping waste shall be properly disposed by composting on-site or at an approved composting location or permitted landfill.

C.4.18.4: Stockpiles shall be placed away from watercourses, bermed, and covered to prevent the release of materials to the Stormwater Conveyance System or Receiving Waters.

C.4.18.5: Where practicable, native vegetation shall be retained or planted to reduce water, fertilizer and pesticide needs.

C.4.18.6: Areas where work is being actively conducted shall be routinely cleaned up using dry methods (e.g., sweeping, raking, etc.). Wet methods (e.g., hosing, etc.) may only be used if adequate precautions have been taken to prevent the discharge of wash water or other materials to the Stormwater Conveyance System or Receiving Waters.

C.4.18.7: The use of blowers is permitted so long as materials are collected and properly disposed. Leaving blown materials in the Stormwater Conveyance System or Receiving Waters is a violation of Ordinance section 67.805(a). The Stormwater Conveyance System includes driveways, streets, and gutters.

C.4.18.8: Measures shall be taken to reduce or eliminate landscaping and irrigation runoff. Examples of practices include proper irrigation programming, programming shorter irrigation cycle times, and decreasing frequency after the application of fertilizers and pesticides.

C.4.18.9: Where practicable, fertilizers and pesticides shall not be applied prior to storm events. These products may not be applied during storm events.

# How can I get more information now?

You can view and download the County's Ordinance by going to:

[http://www.projectcleanwater.org/html/model\\_ordinance.html](http://www.projectcleanwater.org/html/model_ordinance.html)

and the RWQCB's Stormwater Permit is posted at:

<http://www.swrcb.ca.gov/rwqcb9>

You can also call Supervising Agricultural Inspector, Paul Davy at 858-694-3122 or Senior Inspector David Fritz at 858-694-2239 or email them at

[paul.davy@sdcounty.ca.gov](mailto:paul.davy@sdcounty.ca.gov) or [david.fritz@sdcounty.ca.gov](mailto:david.fritz@sdcounty.ca.gov)

Paul can put you on his email outreach distribution list and you will receive periodic updates on agricultural runoff and stormwater management compliance strategies. Also, you can visit your city's web site and look for their ordinance and related information.